

This version of the claims replaces all previous versions.

Claims 1-4 are cancelled.

5. (Currently amended) A combinatorial library consisting of multiple copies a plurality of D-peptides linked to supports so that the linked D-peptides are accessible for binding with proteins in the water based fluid phase added to the support, wherein the length of each D-peptide is from three to seven D-amino acid residues, and wherein the aromatic amino acids residues are selected from the group consisting of D-tryptophan, D-tyrosine, and D-phenylalanine, and wherein at least 68% of the D-peptides consist of at least three aromatic D-amino acid residues and the remaining amino acids are selected from the group consisting of glycine and D-alanine.

Claims 6-43 are cancelled.

44. (Previously presented) The combinatorial library of claim 5 wherein the support consists of a bead.

45. (Cancelled)

Claims 46-49 are cancelled.

50. (Previously presented) The combinatorial library of claim 5 is a pentapeptide library.

Claim 51 is cancelled.